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Energy & Technology Committee
Room 3900
Legislative Office Building
Hartford, CT 06106

Dear Committee Members:

Due to a recent proposal in my town I started learning about wind energy. After several days of research my information leads me to the conclusion that General Electric is the leading manufacturer of wind turbines in the United States. Reading the documents referenced above I made a few observations.

All the photos included in the brochures show wind turbines that appear to be in wide-open spaces. I did not find any photos of an industrial wind turbine located in a neighborhood. Upon reading Wind Energy Basics, page 5 paragraph 2 bullet 2, I read the following statement:

“Depending on setback requirements tens of acres might be necessary to house a single GE 1.5MW turbine. Hence, megawatt-scale wind turbines cannot be located in densely populated areas.”

I think General Electric has it right.

This publication is not specific as to exactly what is meant by “tens of acres”. I want to be comfortable using the guidance provided by my legislators as to what is specifically needed to have a successful siting of green, renewable energy.

The publication “Wind Energy Basics”, further details from Page 6 paragraph 2:

Regulatory Framework

- Permits, licenses and regulatory approvals are typically required at the Federal, State and Local levels
- See AWEA Siting Handbook2 for detailed information on this topic.
- Zoning and permitting expertise is essential
- The developer would be well served to obtain the services of a professional (consultant) familiar with the regulatory environment surrounding wind plant development.

This is the reason I am here. General Electric, the country's premier provider of industrial wind turbines expects the regulation of their products.

I am asking the legislators to write legislation to clearly define regulations for responsible siting of industrial scale wind turbines.

I have heard many comparisons as to the noise a turbine can create. One of my favorites is that the turbines will not be any louder than your average dishwasher. I can't speak for all, but I am glad when mine shuts down. I have heard that the noise is no louder than a few people having a normal conversation. We all know that when we are trying to sleep, the last thing we need to hear is normal conversation. If a few people start to have a separate conversation the Teacher, Judge, or meeting leader is likely to say, One at a time so we can all hear. "Please tell the kids to stop talking, so we can all go to sleep."

This country needs clean energy. We cannot expect to have a vast placement of renewable energy if we do not establish regulations. If we can do it right the first time we can do it right many times, If we do it wrong once we may not get a chance to do it again.

I am asking the legislators for a moratorium to write legislation to clearly define regulations for responsible siting of industrial scale wind turbines.

Sincerely,

Calvin Goodwin

To Download More Information:

- [1.5 MW Wind Turbine Brochure](#) (2.43MB PDF)

http://www.gepower.com/prod_serv/products/wind_turbines/en/downloads/GEA14954C15-MW-Broch.pdf

- [Wind Service Solutions Brochure](#) (1.54MB PDF)

http://www.gepower.com/prod_serv/products/wind_turbines/en/downloads/wind_service.pdf

- [Wind Energy Basics](#) (445KB PDF)

http://www.gepower.com/businesses/ge_wind_energy/en/downloads/wind_energy_basics.pdf

http://www.gepower.com/prod_serv/products/wind_turbines/en/15mw/index.htm